

a first wireless receiver,

a processor having a data input operatively connected to the first wireless receiver [and having a power input operatively connected to at least one of the battery connectors],

[mass storage operatively connected to the processor, ]and

a first wireless transmitter operatively connected to the processor,

and

*A  
cont.*  
a portable user interface module being detachably coupleable to the portable base computer, the portable user interface module comprising:

a second wireless receiver,

a two-dimensional display having a data input operatively connected to the second wireless receiver of the portable user interface module [and having a power input operatively connected to at least one of the battery connectors],

a user [interface] input device, and

a second wireless transmitter operatively connected to the user [interface] input device.

2 (Amended). The portable computer system of claim 1 [further including] comprising a mechanical connector operative to hold the base computer in contact with the user interface [device] module.

3 (Amended). The portable computer system of claim 1 [further including] comprising an electrical connector operative to electrically connect the base computer to the user interface module.

4 (Amended). The portable computer system of claim 3 wherein the electrical connector [includes] comprises bypass contacts operative to bypass the wireless transmitters and receivers of the base computer and user interface module.

5 (Amended). The portable computer system of claim 1 wherein the base computer [includes] comprises a display primitive generator operatively connected between the processor and the wireless transmitter of the base computer, and wherein the display primitive generator is operative to send display primitives to the user interface

*Amend.*

module that are capable of displaying a pointing-device-driven, general-purpose, window-based operating system screen on the display of the user interface module.

6. (Amended). The portable computer system of claim 1 [further including] comprising at least a portion of a local area network operatively connected between the processor and the display, and wherein the base computer system is operative to communicate with the user interface module using packet traffic on the local area network.

*Sub B2*

8 (Amended). The portable computer system of claim 1 wherein the user interface device comprises a keyboard that [includes] comprises separate keys for all of the letters of the alphabet and the ten decimal digits.

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9 (Amended). The portable computer system of claim 1 wherein the user [interface] input device comprises a pointing device.

*Sub B3*

10 (Amended). The portable computer system of claim 39 wherein the portable base computer [further includes] comprises a rectangular housing for supporting its processor, [mass storage,] receiver and transmitter, wherein the user interface module

~~✓ further includes a rectangular housing for supporting its display device, user [interface] input device, receiver and transmitter, and wherein one of the two largest faces of the housing of the base computer is of substantially the same size and shape as one of the two largest faces of the housing of the user interface module.~~

*A3 Cmt*

11 (Amended). The portable computer system of claim 1 wherein the portable base computer system [includes the] comprises at least one [of the] battery connector[s] that is operatively connected to the processor and wherein the user interface module includes [the] at least one [of the] battery connector[s] operatively connected to the display.

*Sub BH*

13 (Amended). A portable base computer system for use with a mobile user interface module that [includes] comprises a two-dimensional display, a first wireless receiver, a first wireless transmitter, a user input device, and a housing, the portable base computer comprising:

*A3 Cmt*

a second wireless receiver constructed and adapted to communicate with the first wireless transmitter of the user interface module,

a processor responsive to commands received from the second wireless receiver [and including a power input responsive to a battery contact],

[mass storage operatively connected to the processor,]

a second wireless transmitter responsive to the processor and constructed and adapted to communicate with the wireless receiver of the user interface module, and

a housing for holding the processor, [the memory, the storage,] the second wireless receiver, and the second wireless transmitter.

14 (Amended). The portable base computer system of claim 13 [further including] comprising at least one mechanical docking connector mounted relative to the housing and operative to hold the base computer in contact with the user interface module.

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15 (Amended). The portable base computer system of claim 13 [further including] comprising at least one electrical docking connector mounted relative to the housing and operative to electrically connect the portable base computer system to the user interface module.

16. The portable base computer system of claim 15 wherein the electrical connector [includes] comprises bypass contacts operative to bypass the wireless transmitters and receivers of the portable base computer system and user interface module.

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by*

17 (Amended). The portable base computer system of claim 13 wherein the portable base computer system [includes] comprises a display primitive generator to which the wireless transmitter of the base computer system is responsive to send the display primitives to the user interface module, and wherein the display primitive generator is operative to send display primitives that are capable of displaying a pointing-device-driven, general-purpose, window-based operating system screen on the display of the user interface module.

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18 (Amended). The portable bases computer system of claim 13 [further including] comprising at least a portion of a local area network operatively connected between the processor and the display, and wherein the portable base computer system is operative to communicate with the user interface module using packet traffic on the local area network.

19 (Amended). The portable bases computer system of claim 40 wherein the portable base computer system [further includes] comprises a rectangular housing for supporting its processor, [mass storage,] receiver and transmitter, and wherein one of the two largest faces of the housing of the portable base computer system is of substantially the same size and shape as one of two largest faces of a housing of the user interface module.

*Sub P6*

21 (Amended). A user interface module for use with a portable base computer system that includes a processor, [mass storage,] an obstacle-tolerant wireless transmitter, an obstacle-tolerant wireless receiver, and a housing bearing at least one docking connector, the user interface module comprising:

an obstacle-tolerant wireless receiver constructed and adapted to communicate with the wireless transmitter of the portable base computer system,

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cont.*

a two-dimensional display responsive to the wireless receiver,

a user [interface] input device,

an obstacle-tolerant wireless transmitter responsive to the user [interface] input device, and being constructed and adapted to communicate with the wireless receiver to the portable base computer system, and

at least one docking connector constructed and adapted to mate [with] directly to the connector of the portable base computer system.

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cont.*

27 (Amended). The user interface module of claim 21 wherein the user interface device [further includes] comprises a pointing device.

~~28 (Amended). The user interface module of claim 21 wherein the user interface module [includes] comprises a display primitive decoder responsive to display primitives received from the base computer system to display a pointing-device-driven, general-purpose, window-based operation system screen on the display.~~

~~29 (Amended). The user interface module of claim 21 wherein the user interface module [further includes] comprises a rectangular housing for supporting its display device, user [interface] input device, receiver and transmitter, and wherein one of the two largest faces of the housing of the user interface module is of substantially the same size and shape as one of two largest faces of a housing of the portable base computer system.~~

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~~30 (Amended). A portable computer system, comprising:  
  
portable means for processing application programs at a first location in response to user interface signals, the means for processing being readily transportable in hand luggage,~~

~~first wireless communication means for transmitting results from the portable means for processing and for relaying received user interface signals to the portable means for processing,~~

~~second wireless communication means for receiving the results from the first communication means and for transmitting the user interface signals to the first wireless communication means, and~~

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Cncl.*  
~~portable user interface means responsive to the results received by the second wireless communication means to display graphical user interface constructs on a two-dimensional screen, wherein the portable user interface means comprises a user input device.~~

33 (Amended). The portable computer system of claim 30 [further including] comprising means for together transporting the portable means of processing, the first and second wireless communication means, and the portable user interface in a mechanically and electrically docked state.

*All  
cont.*  
34 (Amended). The portable computer system of claim 30 [further including] comprising means for housing the portable means for processing, [further including] comprising means for housing the user interface means, and wherein one of the two largest faces of the means for housing the portable means for processing is of substantially the same size and shape as one of the two largest faces of the means for housing the user interface means.

35 (Amended). The portable computer system of claim 30 [further including]  
comprising means included in the portable means for processing to generate display primitives and send the display primitives to the user interface means via the first and second communication means.

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36 (Amended). A computing method, comprising the steps of:  
  
processing application programs in a base computer system at a first location,  
  
communicating results from the application programs by a wireless communication method to a user interface module comprising a user input device remote from the base computer system,  
  
displaying results of the step of communication on a screen of the user interface module,  
  
together transporting the base computer system and the user interface module to a second location,  
  
processing application programs in the base station at the second location,

again communicating results from the application programs to the user interface module, and

*and*  
displaying results of the step of again communicating on a screen of the user interface module.

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39 (New). The portable computer system of claim 1 wherein the portable base computer comprises:

one or more battery connectors,

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a power input operatively connected to at least one of the battery connectors, and

*com b*  
a mass storage operatively connected to the processor.

40 (New). The computer system of claim 13 comprising:

one or more battery connectors,

a power input operatively connected to at least one of the battery connectors, and